

ABSTRACT OF THE DISCLOSURE

A tool guiding device including a base frame and guiding rails arranged on the base frame so that they are parallel in relation to each other. At least one carriage having a machining tool is guided on the guiding rails in a linearly displaceable manner by a drive device with a carriage connecting element. The tool guiding device of this invention guides the tool in a precise, non-abrasive manner. Thus, the carriage is coupled to the carriage connection by a compensation device including at least one angle compensating element and at least one lateral compensating element.